



Code and Name: FİZ5330 IONOSPHERE REGIONS

Unit: Graduate School of Natural and Applied Sciences

Detail: **Period:** 2023-2024 **Status:** Optional **Class:** 1 **Credits:** 3-0-0-3 **ECTS:** 6 **Language:** Turkish

INSTRUCTOR

Title, Name and Surname:

Phone:

Email:

Social Account: -

Student Day and Time: -

COURSE ASSISTANT

Title, Name and Surname:

Phone:

Email:

Social Account:

Student Day and Time:

Lessons Weekly Program:	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			-			

Rendering: Face-to-face lessons per week 3 It will be done on an hourly basis.

Place: YY: Department of Physics Electromagnetic Wave Laboratory -

UE: -

Purpose: Introduction of ionosphere regions and investigation of their dynamics

Material: Ionosphere Physics Book

Student Responsibility:

Weekly Lesson Plan	Week	Topic		Method	
	1	D-zone		YY	
	2	E -Region		YY	
	3	F1 -Region		YY	
	4	F2 -Region		YY	
	5	F Region Anomalies in		YY	
	6	Mid-latitude ionosphere		YY	
	7	Equatorial region ionosphere		YY	
	8	Polar ionosphere		YY	
	9	Geomanyetizma and Ionosphere		YY	
	10	Dynamo theory		YY	
	11	Electric current generated in the ionosphere		YY	
	12	Interaction of the solar wind with the earth's magnetic field		YY	
	13	Solar eclipse and Ionosphere		YY	
	14	Indices of the Sun		YY	
Assessment and Evaluation	Method			Number	Weight
	Break Exam	Exam	Face	1	% 50
		Quiz	-	-	
		Homework	-		
		Project	-	-	-
General Exam	Face			1	% 50
Course Outcomes:	1	Ionosphere Introduction of its physical and chemical structure			
	2				
	3				
	4				
	5				

Course-Specific Explanations:

UE: Distance Education; YY: Face-to-Face Education



T.C.
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Course Syllabus Form

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